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5 **UNITED STATES DISTRICT COURT**  
6 **NORTHERN DISTRICT OF CALIFORNIA**  
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8 IN RE: SOCIAL MEDIA ADOLESCENT  
9 ADDICTION/PERSONAL INJURY  
10 PRODUCTS LIABILITY LITIGATION

Case No. 4:22-md-03047-YGR

MDL No. 3047

11 \_\_\_\_\_  
12 This Document Relates to:

13 ALL ACTIONS

**PLAINTIFFS' FOURTH SET OF  
INTERROGATORIES TO THE TIKTOK  
DEFENDANTS**

14 **PROPOUNDING PARTY: PI and SD Plaintiffs**

15 **RESPONDING PARTY: Defendant TikTok, Ltd.; TikTok, LLC; TikTok, Inc.;**  
16 **ByteDance, Ltd.; and ByteDance Inc.**

17 **SET NUMBER: 4**

18 Pursuant to Rules 26 and 33 of the Federal Rules of Civil Procedure, Plaintiffs hereby  
19 deliver the following Second Set of Interrogatories to Defendants TikTok, Ltd.; TikTok, LLC;  
20 TikTok, Inc.; ByteDance, Ltd.; and ByteDance Inc. ("TikTok Defendants"). Responses to these  
21 Interrogatories shall be delivered electronically to the undersigned within thirty (30) days of the  
22 date of service hereof or as otherwise mutually agreed by the parties.  
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24 **I. DEFINITIONS**

- 25 1. "Child" or "Children" means individual(s) under the age of thirteen (13).  
26 2. "Date" means the exact day, month, and year, if ascertainable, or if not, the best  
27 approximation (including relationship to other events, with the indication that it is an  
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1 approximation).

2 3. **“Daily App Session Count”** means the number of times a user initiates a Session  
3 on the TikTok Platform in a single day.

4 4. **“Document”** and **“Documents”** are synonymous in meaning and equal in scope to  
5 the usage of those terms in Fed. R. Civ. P. 34 and the Local Rules (and, as applicable, to the usage  
6 of the term “writing” in California Evidence Code 250) and include ESI and Communications.

7 5. **“Hidden Minor”** or **“Hidden Minors”** shall have the same definition as applied  
8 by the TikTok Defendants, and refers to a Child, Children, Teen, Teens, or Adolescents that  
9 reported their age as being eighteen (18) or older. *See, e.g.*, TIKTOK3047MDL-021-LARK-  
10 00005421 at -5422.

11 6. **“Identify”** means to provide the Identity.

12 7. **“Identity”** means:

13 a. with respect to natural Person(s): (i) their full name; (ii) their present or last known  
14 address; (iii) all title(s)/position(s) and dates they held; (iv) their present and past place in Your  
15 structure/hierarchy including Units; (iv) the Identity of Person(s) to whom they report or reported  
16 directly or indirectly (**“Reporting Relationships”**); (v) the Identity of Person(s) that report or  
17 reported to them directly or indirectly (**“Supervisory Relationships”**); (vi) their present and past  
18 functions, duties, activities, and responsibilities (**“Duties”**) and the Duties of the Unit in which  
19 they work or worked; (vi) their present or last known place of employment; and (vii) the  
20 geographic location/address where they worked while holding each title/position otherwise  
21 identified (**“Working History”**);

22 b. with respect to non-natural Person(s), organizational Person(s), or Units: (i) their  
23 full name; (ii) their present or last known address; (iii) their place in the organization’s  
24 structure/hierarchy over time including Reporting Relationships, Supervisory Relationships, and  
25 all changes thereto; (iv) their present and past Duties; and (v) their personnel, managers,  
26 supervisors and decision-makers, and any changes thereto over time;  
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2 c. with respect to a document, its Bates number (including pin cites, as applicable),  
3 its title, its date, its location, its signatory, any authors and recipients, its description (e.g.,  
4 memorandum, letter, contract, form), and the number of pages; and

5 d. with respect to a number, the number as known to You with the greatest degree of  
6 precision available to You, and the source(s) of that number, including Persons and documents.

7 8. **“Including”** means “including, without limitation” and “including but not limited  
8 to.”

9 9. **“Inferred Age”** means the age You believe a user to be based on Your own  
10 analysis, whether by machine learning, manual review, or any other method.

11 10. **“Lifetime value”** means the net profit You estimate will be attributable to a given  
12 TikTok user over the duration of their use of TikTok and/or the definition given to the term by the  
13 TikTok Defendants, as reflected in the TikTok Defendants’ document production. *See, e.g.*,  
14 TIKTOK3047MDL-024-LARK-00058922 at -58922.

15 11. **“Named Feature”** means any feature of Your platform identified in ¶¶ 845 and  
16 864 of the Second Amended Master Complaint, ECF No. 494.

17 12. **“Non-Age Gate”** or **“Non-Age Gated”** shall have the same definition as applied  
18 by TikTok, and refers to a user that has not been age-gated. *See, e.g.*, TIKTOK3047MDL-039-  
19 LARK-00227307 at -227310.

20 13. **“Person”** or **“Persons”** means any natural person, corporation, company,  
21 partnership, proprietorship, association, governmental or nongovernmental entity, agency,  
22 organization, or group, as well as any other business entity or association.

23 14. **“Policy”** or **“Policies”** mean all formal and informal policies, practices, guidelines,  
24 protocols, procedures, plans, systems, customs, or manners of conducting a specific task that are  
25 or were adopted, implemented, or used by You; and for each of the foregoing the terms, methods  
26 and means of implementation, and Identity of Persons responsible for their management and  
27 implementation.  
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1           15.     **“Relating to,” “relate to,” “referring to,” “refer to,” “reflecting,” “reflect,”**  
2     **“concerning,”** or **“concern”** shall mean evidencing, regarding, concerning, discussing,  
3     embodying, describing, summarizing, containing, constituting, showing, mentioning, reflecting,  
4     pertaining to, dealing with, involving, embodying, evaluating, reviewing, reporting on,  
5     commenting on, relating to, referring to in any way or manner, or impacting or connecting in any  
6     way logically or factually with the subject matter of the Request.

7           16.     **“Reported Age”** means the age a user identifies to You during the account creation  
8     process.

9           17.     **“Safety”** means well-being, safety, physical or mental health, and protection from  
10    risks of extortion, sextortion, trafficking, bullying, harassment, CSAM victimization or  
11    revictimization, and predation.

12           18.     **“Safety Feature”** means any protection, tool, intervention, or feature You have  
13    implemented on the TikTok Platform that is directed at the Safety of Youth.

14           19.     **“Selected Financial Data”** means the categories of financial information that the  
15    TikTok Defendants would have to disclose in Item 8 of a Form 10-K filing if it were required to  
16    file such a form, including the categories disclosed by Meta in its 10-K in the tables labeled  
17    Consolidated Statements of Cash Flows, Consolidated Statements of Operations, Consolidated  
18    Statements of Comprehensive Income (Loss), Consolidated Balance Sheets, Consolidated  
19    Statements of Stockholders’ Equity, and Notes to Consolidated Financial Statements.

20           20.     **“Session”** means each time a user opens TikTok, does something, and then leaves  
21    the app.

22           21.     **“TikTok Platform”** or **“TikTok”** means any version of the TikTok platform  
23    developed, tested, or made available for use, including versions for use on mobile devices or by  
24    accessing a URL on the internet, with or without logging into an account, and including all features  
25    or surfaces accessible to some or all users of the platform.

26           22.     **“Teen,” “Adolescents,”** or **“Teens”** means individuals between the ages of  
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thirteen (13) and seventeen (17), inclusively.

23. **“Time Between App Sessions”** means the amount of time between Sessions in a day.

24. **“Time Spent”** is equal in meaning and scope to the usage of that term by the TikTok Defendants, including the amount of time the app has been opened, the amount of daytime and nighttime usage, and the overall amount of time spent in the app daily. *See, e.g.*, TIKTOK3047MDL-015-00340735 at -340736.

25. **“Time Spent per App Session”** means the Time Spent by a user per Session. *See, e.g.*, TIKTOK3047MDL-023-00622134 at -622137.

26. **“Unidentified Age”** refers to the age of a user that does not have a Reported Age or Inferred Age.

27. **“Unknown Age”** shall have the same definition applied by TikTok, and refers to a user that does not have a Reported Age or Inferred Age. *See, e.g.*, TIKTOK3047MDL-004-00139515 at -139574.

28. **“You,” “Your,” “Defendant,” or “Defendants”** means the above-named Responding Party or Parties (individually and, where applicable, collectively); each of their predecessor or successor business entities; each foreign or domestic governmental, nongovernmental, or private corporation or entity with which they are commonly owned, including subsidiaries and parent corporations; each of their former or present Units; and for each of the foregoing all former or present directors, officers, members, partners, principals, employees, contractors, agents, attorneys, experts, investigators, consultants, or other persons authorized to act on their behalf.

29. **“Youth”** means individuals under the age of twenty-two (22).

## **II. RULES OF CONSTRUCTION**

1. **“Any,” “all,” and “each”** shall be construed as any, all, and each.

1           2.       The words “and/or,” “or” and “and” are used inclusively, not exclusively. As such,  
2 “and/or”, “or” and “and” should be construed so as to require the broadest possible response. If,  
3 for example, a request calls for information about “A or B” or “A and B,” You should produce all  
4 information about A and all information about B, as well as all information about A and B  
5 collectively.

6           3.       The singular form of a noun or pronoun includes the plural form and vice versa.

7           4.       The use of any tense of any verb shall also include all other tenses of that verb.

8           5.       A term or word defined herein is meant to include both the lower and upper case  
9 reference to such term or word.

10          6.       Any Bates number referenced in these Requests shall be construed to refer not only  
11 to the specific page number identified but to the entirety of the document associated with that Bates  
12 number, inclusive of family members.

### 13 **III.   INSTRUCTIONS**

14          1.       In responding to these Interrogatories, You shall furnish all information in Your  
15 possession, custody, care, or control, including that which is available to You via reasonable  
16 inquiry to their employees, agents, or any person subject to Your control.

17          2.       The duty to furnish information shall not be limited or affected by the availability  
18 of the same information through another source. All information not subject to objection and  
19 known by, possessed by, or controlled by You (including through Your employees, agents, or any  
20 person subject to their control) shall be furnished.

21          3.       If You respond to any Interrogatory with the production of business records, such  
22 records shall be produced in accordance with the terms of Federal Rules of Civil Procedure Rule  
23 34 and any applicable orders or agreements among the parties governing the production of  
24 Documents, in the above-captioned case.

25          4.       If any document that You would have identified in response to any Interrogatory  
26 was, but is no longer, in Your possession or subject to Your control, You must identify the  
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1 Document, the reason for its loss, destruction, or unavailability, the name of each person known  
2 or reasonably believed by You to have present possession, custody, or control of the original and  
3 any copy thereof (if applicable), and a description of the disposition of each copy of the Document.  
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5 5. If You assert an objection to any Interrogatory, You must nonetheless respond and  
6 identify any information that is not subject to the stated objection. If You object to part of an  
7 Interrogatory, You must specify the portion of the Interrogatory to which You object, and must  
8 identify information responsive to the remaining parts of the Interrogatory. To the extent You  
9 object to any Interrogatory or portion thereof, You shall state with specificity Your grounds for  
10 objecting to that Interrogatory or portion thereof, state whether you are refusing to provide an  
11 answer, and identify any information withheld based on such objection. It is not appropriate to  
12 simply object to any Interrogatory in its entirety and invite a conference of counsel.

13 6. If a response to any requested Interrogatory is objected to on the grounds that the  
14 Request is unduly burdensome, specifically describe the burden or expense associated with the  
15 response.

16 7. Insofar as You may object to an Interrogatory as vague, ambiguous, otherwise  
17 difficult to understand, or subject to multiple interpretations, not all of which You believe are  
18 objectionable, Plaintiffs are willing to meet and confer in advance of Your deadline to respond to  
19 these Interrogatories to assist in providing clarity as to the nature and scope of information  
20 requested.

21 8. If You assert that a portion of a response is privileged or otherwise protected from  
22 disclosure, You shall identify the basis for that privilege and fully respond to the remaining portion  
23 of the Interrogatory that does not call for privileged information.

24 9. These Interrogatories are continuing in nature and require prompt supplemental  
25 response(s) whenever responsive information not previously furnished by You is obtained by You.  
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10. Unless otherwise indicated, the relevant time period for the information sought is from the date You first researched, designed, or developed Your social media platform or any of its predecessors to the present.

11. To the extent that information requested is not within Your personal knowledge, but as to which You have been informed or have formed a belief, state that such information is furnished on information and/or belief and state the source of the information and the grounds of Your belief.

12. The relevant time period for these interrogatories starts from the date You first researched, designed, or developed Your Platform or any of its predecessors, including Musical.ly, to the present.

13. Please answer each interrogatory separately for each year included in the relevant time period.

14. All references to defined terms shall have the same meaning regardless of whether they are capitalized.

#### **IV. INTERROGATORIES**

1. Identify Your estimate of TikTok user's Lifetime Value to You. To the extent, this estimate varies based on user characteristics, including but not limited to Reported Age of first use, Inferred Age of first use, or other demographic criteria, identify each such estimate.

2. For each year in the Relevant Time Period, identify the number of domestic TikTok users of Unknown Age, Non-Age Gate users, Hidden Minors, each Reported Age between 0 and 100, and each Inferred Age between 0 and 100.

3. For each year in the Relevant Time Period, identify by decile the Time Spent Per App Session for domestic TikTok users of Unknown Age, Non-Age Gate users, Hidden Minors, each Reported Age between 0 and 100, and each Inferred Age between 0 and 100.



1           4.       For each year in the Relevant Time Period, identify by decile the Daily App Session  
2 Count for domestic TikTok users of Unknown Age, Non-Age Gate users, Hidden Minors, each  
3 Reported Age between 0 and 100, and each Inferred Age between 0 and 100.

4           5.       For each year in the Relevant Time Period, identify by decile the typical Time  
5 Between App Sessions for domestic TikTok users of Unknown Age, Non-Age Gate users, Hidden  
6 Minors, each Reported Age between 0 and 100, and each Inferred Age between 0 and 100.

7           6.       For each year in the Relevant Time Period, identify the Average Revenue Per User  
8 for domestic TikTok users of Unknown Age, Non-Age Gate users, Hidden Minors, each Reported  
9 Age between 0 and 100, and each Inferred Age between 0 and 100.

10          7.       For each year in the Relevant Time Period, identify the Selected Financial Data for  
11 the TikTok Defendants.

12          8.       Describe the development and implementation of each Safety Feature from the  
13 creation of TikTok through the date of service of this interrogatory. For purposes of this  
14 interrogatory, “describe” means to identify the following for each Safety Feature: (i) the date on  
15 which the feature was first made available on TikTok; (ii) the Person(s) with primary responsibility  
16 for the feature during each year of the Relevant Time Period; (iii) a general description of the  
17 feature’s intended purpose; (iv) all names by which the feature has been known internally and/or  
18 promoted externally; (v) the population of users or non-users (e.g. parents without TikTok  
19 accounts) to whom You made the feature available; (vi) whether the feature is applied by default  
20 or must be opted into by a user; (vii) whether and how You notify users about or encourage users  
21 to adopt the feature, either during account creation or at any other time; and (viii) whether the  
22 feature is still available to users on the TikTok Platform.

23          9.       For each year during the Relevant Time Period, identify the percentage rate of  
24 adoption for each Safety Feature by domestic users of Unknown Age, Non-Age Gate users, Hidden  
25 Minors, each Reported Age between 0 and 100, and each Inferred Age between 0 and 100. To the  
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1 extent a Safety Feature is made available only to non-users (i.e. parents or guardians) identify the  
2 percentage rate of adoption as kept by You in the ordinary course of business.  
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4 10. For each Named Feature, identify the following: (i) the date on which the Feature  
5 was first implemented on Your Platform; (ii) the Person(s) with primary responsibility for the  
6 Feature during each year of the Relevant Time Period; and (iii) major modifications to each Named  
7 Feature and when each such modification was implemented on Your Platform. For purposes of  
8 this Interrogatory, “major modification” means any change that materially improves and/or alters  
9 the source code, capacity, functionality, and/or the method of operation.  
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**CERTIFICATE OF SERVICE**

The undersigned hereby certifies that a copy of the foregoing was served via electronic mail on September 27, 2024 to the following, Counsel for Defendants TikTok, Ltd.; TikTok, LLC; TikTok, Inc.; ByteDance, Ltd.; and ByteDance Inc.

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